

11-18-02

PTO/SB/16 (02-01)

Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**PROVISIONAL APPLICATION FOR PATENT COVER SHEET**

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53 (c).

INVENTOR(S)					
Given Name (first and middle [if any])		Family Name or Surname		Residence (City and either State or Foreign Country)	
Deborah Lee		Zimmerman		San Francisco, California	
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>second</u> separately numbered sheets attached hereto					
TITLE OF THE INVENTION (500 characters max)					
METHODS FOR PREVENTING AND TREATING CANCER METASTASIS AND BONE LOSS ASSOCIATED WITH CANCER METASTASIS					
CORRESPONDENCE ADDRESS					
Direct all correspondence to:					
<input type="checkbox"/> Customer Number _____ →					
OR _____ Type Customer Number here					
<input checked="" type="checkbox"/> Firm or Individual Name		Chiron Corporation			
Address		Intellectual Property R338			
Address		P.O. Box 8097			
City	Emeryville	State	CA	ZIP	94662-8097
Country	US	Telephone	(510) 655-8730	Fax	(510) 655-3542
ENCLOSED APPLICATION PARTS (check all that apply)					
<input checked="" type="checkbox"/> Specification Number of Pages		23		<input type="checkbox"/> CD(s), Number _____	
<input checked="" type="checkbox"/> Drawing(s) Number of Sheets		3		<input checked="" type="checkbox"/> Other (specify) _____ Fee Transmittal (+ copy)	
<input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76					
METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.					
<input checked="" type="checkbox"/> A check or money order for \$ 160 is enclosed to cover the filing fees.					
<input type="checkbox"/> The Commissioner is hereby authorized to charge filing fees to Deposit Account Number: _____ 04-0258					
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account Number: _____ 04-0258					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.					
<input checked="" type="checkbox"/> No.					
<input type="checkbox"/> Yes, the name of the U.S. Government agency and the Government contract number are: _____.					
Respectfully submitted,					
SIGNATURE		DATE		November 15, 2002	
TYPED or PRINTED NAME		REGISTRATION NO. (if appropriate)		33,332	
TELEPHONE		DOCKET NUMBER:		59516-153/PP-19420.001	

**USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT**

This collection of information is required by 37 CFR 1.51. The information is used by the public to file (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C., 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Provisional Patent Application, Commissioner for Patents, Washington, D.C. 20231.

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jc882 U.S. PTO

J1050 U.S. PTO

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**PROVISIONAL APPLICATION COVER SHEET**  
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		Type a plus sign (+) inside this box →	+
INVENTOR(S)/APPLICANT(S)			
Given Name (first and middle [if any])	Family or Surname	Residence (City and either State or Foreign Country)	
Gregory M.	Harrowe	Berkley, California	
Cheng	Liu	Richmond, California	
Kirston	Kothes	Emeryville, California	
William M.	Kavanaugh	Orinda, California	

Number 2 of 2

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 160.00

## Complete if Known

Application Number  
Filing Date **N vember 15, 2002**  
First Named Inventor **Deborah L. Zimmerman**  
Examiner Name  
Group Art Unit  
Attorney Docket No. **59516-153/PP-19420.001**

## METHOD OF PAYMENT

☒ Payment Enclosed:  
☒ Check ☐ Credit card ☐ Money Order ☐ Other  
☐ Deposit Account:  
 Deposit Account Number **04-0258**  
 Deposit Account Name **Davis Wright Tremaine LLP**  
 The Commissioner is authorized to (check all that apply)  
☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any deficiencies  
 to the above-identified deposit account.  
☐ Applicant claims small entity status. See 37 CFR 1.27.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee(\$)	Fee Code	Fee(\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	<b>160</b>
SUBTOTAL (1)					(\$ 160)

### 2. EXTRA CLAIM FEES

Total Claims		** =		*		=	
Independent Claims		** =		*		=	
Multiple Dependent				*		=	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$ 0)


\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$ 0)

## SUBMITTED BY

Name (Print/Type) **Jane E. R. Potter** Registration No. **33,332**  
 Firm Name/Address  
 Signature  Date **November 15, 2002**



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PATENT TRADEMARK OFFICE